

BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS,
SURVEYORS AND LANDSCAPE ARCHITECTS
Professional and Vocational Licensing Division
Department of Commerce and Consumer Affairs
State of Hawaii

MINUTES OF MEETING

The agenda for this meeting was filed with the Office of the Lieutenant Governor, as required by Section 92-7(b), Hawaii Revised Statutes.

Date: Thursday, September 8, 2016

Time: 9:00 a.m.

Place: King Kalakaua Conference Room
King Kalakaua Building
335 Merchant Street, 1st Floor
Honolulu, Hawaii 96813

Present: Joel Kurokawa, Chairperson, Landscape Architect Member
Joyce Noe, Vice Chairperson, Architect Member
Ron Iwamoto, Secretary, Structural Engineer Member
Demetrio Constantino, Public Member
Alan Inaba, Land Surveyor Member
Kevin Katayama, Mechanical Engineer Member
Benedict Lee, Landscape Architect Member
Ken Ota, Public Member
Clayton Pang, Electrical Engineer Member
Richard Suzuki, Civil Engineer Member
Rodney J. Tam, Esq., Deputy Attorney General
James Kobashigawa, Executive Officer
Sandra Matsushima, Executive Officer
Terry Akasaka-Toyama, Secretary

Excused: Marc Ventura, Architect Member

Call to Order: There being a quorum present, the meeting was called to order at 9:08 a.m. by Chair Kurokawa.

Agenda: Additions and Revisions: None.

Approval of Minutes: It was moved by Mr. Ota, seconded by Mr. Inaba, and unanimously carried to approve the August 11, 2016 Board meeting minutes as distributed.

It was moved by Mr. Ota, seconded by Mr. Iwamoto, and unanimously carried to approve the August 11, 2016 Executive Session meeting minutes as distributed.

Applications:

a. Ratifications

It was moved by Mr. Suzuki, seconded by Mr. Constantino, and unanimously carried to ratify the following:

APPROVED MECHANICAL ENGINEER BY ENDORSEMENT

- HOLDEMAN, Scott

APPROVED ENGINEER BY EXAM (PE)

- CHING, Brandon (SE)
- DIGUC, Willie (ME)
- KING, Martha (CE)

APPROVED ARCHITECT BY ENDORSEMENT

- KING, James

b. Professional Engineer Committee Recommendations

Mr. Suzuki presented the PROFESSIONAL ENGINEER COMMITTEE REPORT and recommended action as follows:

APPROVE CIVIL ENGINEER BY ENDORSEMENT

- BURGERS, Kevin
- CASTANEDA, Anthony
- COUNTRYMAN, Melissa
- FEINBLUM, Daniel
- McCARTHY, William
- RAHE, Edward
- STALLINGS, Robert

APPROVE ELECTRICAL ENGINEER BY ENDORSEMENT

- FORBES, Jacob
- MAMULA, Jeron
- OELKE, Nicholas
- SEKAR, Chidanand

APPROVE MECHANICAL ENGINEER BY ENDORSEMENT

- MISTRETTA, Charles
- NIVER, Samantha
- PAN, Jia Hui

APPROVE STRUCTURAL ENGINEER BY ENDORSEMENT

- BAXTER, David
- FLESCH, Ferdinand
- LORENTZEN, Stephen
- VEULEMAN, Eric

APPROVE ENGINEER BY EXAM (PE)

- HERRERA, Roberto (CE)
- WONG, Richard (CE)
- YEE, Danny (CE)

DEFER CIVIL ENGINEER BY ENDORSEMENT

- NIXON, William

DEFER MECHANICAL ENGINEER BY ENDORSEMENT

- FRANZ, David
- HADZISELIMOVIC, Dario
- PASSAS, Dimitris
- SHUMWAY, David

DEFER STRUCTURAL ENGINEER BY ENDORSEMENT

- CASTANEDA, Anthony

DEFER ENGINEER BY EXAM (PE)

- HIGNITE, Andrew (CE)
- KANEKO, Kase (CE)

It was moved by Mr. Pang, seconded by Mr. Constantino, and unanimously carried to accept the PROFESSIONAL ENGINEER COMMITTEE REPORT.

c. Professional Architect Committee Recommendations

Ms. Noe presented the PROFESSIONAL ARCHITECT COMMITTEE REPORT and recommended action as follows:

APPROVE ARCHITECT BY ENDORSEMENT

- CARDOZA, Richard
- FARBER, Daniel
- GARDNER, Jeremy
- LEE, Dennis
- SEIBERT, David

APPROVE ARCHITECT BY EXAM

- COOK, David
- TRIMBLE, Willa
- YOSHIDA, Aki

DEFER ARCHITECT BY EXAM

- APPEL, Jennifer

It was moved by Mr. Suzuki, seconded by Mr. Pang, and unanimously carried to accept the PROFESSIONAL ARCHITECT COMMITTEE REPORT.

d. Professional Land Surveyor Committee Recommendations

None.

e. Professional Landscape Architect Committee Recommendations

None.

Old Business:

a. Rules Committee Report

Due to lack of quorum, there was no Rules Committee meeting last month.

New Business: a. Professional Engineers Report

- Report on NCEES Annual Meeting

Mr. Suzuki, Mr. Katayama, and Mr. Inaba attended this meeting on August 24-27, 2016 in Indianapolis, IN as the Board's delegates.

Highlights from Mr. Katayama's report are as follows:

- ✓ A motion passed to lower the computer based FE and FS exam costs from \$225 to \$175 and the cost for the computer based PE exam has been set at \$375. These changes will be effective as of January 1, 2018.
- ✓ The first computer based PE exams will be in chemical and nuclear engineering effective January 1, 2018.
- ✓ Two motions were approved to not allow "double dipping" of education and experience. This means that experience earned during the same time period someone was in school will not be accepted. This issue was referred to the Rules Committee for discussion and recommendation.
- ✓ A motion was approved to incorporate changes to the Model Rules to allow sealing of documents electronically with secured signatures. Digital pdfs are not allowed.
- ✓ A motion from the Southern Zone was approved to provide additional funding to attend zone interim meetings. The motion provides \$200/attendee for each of the 75 attendees.
- ✓ A motion from the South Carolina board was approved to revise Financial Policy 3 where NCEES will now pay the travel expenses for up to three (3) delegates. This would apply to both the zone and annual meetings. Currently, only one (1) delegate is funded.

- ✓ Upcoming Interim Zone Meetings are as follows:
 - May 18-20, 2017 - Denver Colorado (Joint with Central Zone)
 - April 5-7, 2018- Honolulu, Hawaii
 - April 25-27, 2019 - Idaho (Joint with Southern Zone)
 - 2020 - Montana
 - 2021 - Possibly Nevada
- ✓ Decoupling (separating the experience requirements for licensure from the requirements for taking the PE exam) was discussed. Decoupling would allow candidates to apply to take the PE exam after meeting the educational requirements for licensure and passing the Fundamentals of Engineering ("FE") exam. The experience requirement would still need to be met before the candidate could apply for licensure. Several states have some form of decoupling.
- ✓ During the MBA Forum, several states have expressed concern about their State's attempt to deregulate Professional Engineering/Surveying Boards due to a knee-jerk reaction to the North Carolina Dental Board ruling. The Boards are requesting that NCEES develop a white paper as a template to defend their profession to the State Legislature.
- ✓ Upcoming Board President's Assembly and Member Board Administrator meeting scheduled for February 3-4, 2017 in Atlanta, GA.
- Licensure Exchange (August 2016)

Winners of the NCEES Engineering Award for Connecting Professional Practice and Education are as follows:

Grand Prize: University of Nebraska – Lincoln Charles W. Durham School of Architectural Engineering and Construction

Additional
Winners of
\$7,500:

George Mason University
Sid and Reva Dewberry Dept. of Civil,
Environmental, & Infrastructure Engineering

- * *New Drinking Water & Sewer System for an Elementary School for Orphans – Bilwi, Nicaragua*
- * *Water & Sanitation Project Children's Feeding Center – Puerto Cabezas, Nicaragua*

Seattle University
Dept. of Civil & Environmental Engineering

- * Design Development of a Cultural Village for Migrant Workers
- * Design of Habitat-Sensitive Erosion Hazard Mitigation Near a Bridge

Seattle University
Dept. of Electrical & Computer Engineering

- * Solar Microgrid in Rural Zambia with Real-Time Cloud-Based Monitoring

- NCEES Western Zone Meeting – April 5-7, 2018

Mr. Suzuki reported that while at the NCEES Annual Meeting, they met with the delegates from the Guam and Northern Mariana Islands Boards. Hawaii and Guam are to co-host the 2018 Western Zone Meeting; however, the Northern Marianas Islands Board requested if they could also participate in hosting. Information was distributed to the Board for what they should start researching on.

b. Architects Report

- NCARB Webcast Presentation with AIA Honolulu

There was a presentation at the Center for Architecture on August 18, 2016 to educate architects and individuals interested in becoming licensed as an architect to the upcoming changes NCARB will be making.

Mr. Matthew Friesz, Outreach Manager, Experience + Education at NCARB, conducted the presentation remotely via webinar.

- 2016 Member Board Chairs/Member Board Executives Summit

This summit is scheduled for October 28-29, 2016 in Columbus, OH. Ms. Noe and Mr. Kobashigawa will be attending as the Board's delegates. Member Boards and national level leaders will discuss issues such as challenges created by board structure ranging from single discipline to multi-disciplines, etc.

- Memo from Kristine Harding, President of NCARB, Regarding NCARB Committees

In part to improving transparency at NCARB, Ms. Harding distributed a listing of this year's NCARB Committee Chairs along with the charges assigned to each Committee. A complete roster of all committees will be posted to NCARB's Members Only section.

- ARE Updates

To help prepare for the November 1, 2016 launch of A.R.E. 5.0, NCARB has released two new resources: the *ARE 5.0 Community* and the *ARE 5.0 Handbook* that is available on their website.

The *ARE 5.0 Community* is an online forum where candidates can come together to ask questions, share best practices, and interact with NCARB's exam experts. To access the community, members can login with their NCARB Record or create a free NCARB account.

The *ARE 5.0 Handbook* is a guide that provides a breakdown of each exam division, sample questions, suggested study resources, and more. Candidates can also reference the *ARE 5.0 Guidelines* for an overview of exam policies. Each ARE 5.0 division will include 80 to 120 questions and incorporate the latest testing technologies—

including case studies that simulate real-world practice. The divisions also align with the recently launched Architectural Experience Program ("AXP"), making the path to licensure easier to navigate for candidates and their supervisors. Candidates looking to test in ARE 5.0 can begin scheduling exams on November 1. As an incentive to take the new exam, the first 600 candidates to test on each division will receive a \$100 gift card.

- Licensing Advisors Webinars

Ms. Noe stated that she is the Hawaii Education Coordinator for the NCARB Licensing Advisory Community and two webinars are scheduled for later in the month regarding A.R.E. 5.0 and certification and reciprocity.

c. Surveyors Report

Mr. Inaba reported on his experience attending the NCEES Annual Meeting. As a first-time attendee, he attended the "Understanding Exam Development" session where they explained the process of developing, administering and scoring an exam as well as the differences between developing pencil-and-paper and computer-based exams.

During the surveying forum, the transition of the Principles and Practice of Surveying ("PS") exam to computer-based testing ("CBT") was discussed. The PS exam will be converted to a Linear-on-the-Fly-Testing ("LOFT") format where every examinee receives a different, but statistically equivalent exam form. There will also be alternative item type ("AIT") format questions such as point and click, drag and drop, fill in the blank or multiple choice. Electronic version of reference books will also be provided on screen at the test center.

He also attended two workshops: "Updated ALTA/NSPS Standards" and "Journey to the Moving Center of the Earth: The Evolution of the National Spatial Reference System". In the "Updated ALTA/NSPS Standards" workshop, it was reported that the ALTA (American Land Title Association)/ACSM (American Congress on Surveying and Mapping) Land Title Survey standards was revised, effective February 23, 2016, to the ALTA/NSPS (National Society of Professional

Surveyors) Land Title Survey standards as NSPS (National Society of Professional Surveyors) is the legal successor organization to ACSM. The new standards were further explained in detail.

For the "Journey to the Moving Center of the Earth" workshop, Dan Martin, National Oceanic and Atmospheric Administration ("NOAA")/National Geodetic Survey, Northeast Regional Geodetic Advisor, reported that in the year 2022, the National Geodetic Survey will be replacing the U.S. horizontal and vertical datums (NAD 83 and NAVD 88). He went on to discuss the history of datums (a set of constants specifying the coordinate system used for geodetic control, i.e., for calculating the coordinates of points on the Earth), their relationship to other reference frames, the reason for the change, and how it affects surveyors and their access to these datums.

d. Landscape Architects Report

- CLARB Annual Meeting

This meeting is scheduled for September 22-24, 2016 in Philadelphia, PA. Mr. Kurokawa will be attending as the Board's delegate.

The theme for this meeting is "Defend, Adapt, Innovate" which will focus on defending the board's ability to protect the public, adapting to changes and innovating for the future.

- Region 5 Virtual Meeting

During the virtual Pre-Annual Meeting, all Region 5 member boards gave a report on hot topics happening in their State. Mr. Kurokawa reported that in Hawaii only architects currently have a continuing education requirement to renew their license, but the landscape architects are looking to also pursue a CE requirement.

Mr. Kurokawa also reported on the Board's discussion on its statute and rules with the Regulated Industries Complaints Office ("RICO") regarding the continuing education ("CE") requirement.

It was also reported that for 2017, CLARB is looking to update the LARE exam, improve council records, improve data reporting, close the licensing knowledge gap among landscape architect students and deliver the LARE in China.

Correspondence: a. Letter from Donald Leffert

Mr. Leffert applied for a civil engineer license, but his application was denied at the August 11, 2016 meeting for not meeting the exam and experience requirements as his exam and experience were structural.

Subsequently, he requested that his application be withdrawn from consideration.

After discussion, by consensus of the Board, the denial of Mr. Leffert's application still stands as his request was submitted after the Board's action to deny his application.

Executive Officer's Report: a. Results of August 2016 Landscape Architect – Hawaii Plant Materials State Exam

Number of Candidates:	1
Number Passed:	0

b. DCCA Disciplinary Actions Report through July 2016

This report was circulated to the members for their information.

c. DCCA Boards and Commissions Orientation

Olelo filmed the orientation that was held on August 30, 2016 in the State Capitol Auditorium and will be rebroadcasting it on September 12, 13, and 14, 2016.

Next Meeting: Thursday, October 13, 2016
9:00 a.m.
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Adjournment: The meeting was adjourned at 10:15 a.m.

Taken and recorded by:

/s/ Terry Akasaka-Toyama

Terry Akasaka-Toyama
Secretary

Reviewed and approved by:

/s/ James Kobashigawa

James Kobashigawa
Executive Officer

9/30/16

[X] Minutes approved as is.

[] Minutes approved with changes; see minutes _____.